

BURDIC MINE (gold)

Ashland area

Location: center sec. 13, T. 39 S., R. 1 W.

History: "The Burdic Mine is near the center of sec. 13, T. 39 S., R. 1 W., on a hill east of Wagner Creek, and about  $2\frac{1}{2}$  miles west of Ashland by wagon road. It is owned by Burdic and Grant, of Ashland. The lower adit at an elevation of about 3,140 feet follows small fissures and quartz stringers for about 60 feet southeasterly into the hill. About 100 yards to the southeast the upper adit at an elevation of about 3,270 feet follows a southeasterly course. The adit enters on a slip showing some fault gouge, but very little vein material; the nearly vertical fissure turns to the south before playing out. The adit continues and turns at a point about 100 feet from the portal to follow for about 150 feet a vein in a diorite dike in tonalite. The vein is narrow, but the dike, which is silicified, chloritized, and mineralized, is about 4 to 10 feet thick. The mineralization extends especially into the hanging wall and the foot wall is chloritized. The dike seems to vary from a dark basic diorite to a diorite-aplite or malchite. The water circulation followed a fault gouge about an inch thick. The strike of the vein is N.  $80^{\circ}$  W. and dip is about  $85^{\circ}$  S. Assays of the ore are reported to have been higher at the surface than in the adit below."

Reference: Parks & Swartley, 16:47 (quoted).